

Message

From: Davis, Mary J. [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A11C3A4DA6248DFBAECD3465FE1EBC3-DAVIS, MARY]
Sent: 8/28/2019 8:16:38 PM
To: Washington, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fdc3e8ce9f1d45c4894881ff420ca104-Washington, John]
Subject: RE: **Ex. 5 Deliberative Process (DP)**
Attachments: PFsulfonic-acidionomers_review.pdf

Hi John,

Ex. 5 Deliberative Process (DP)

References:

- Here's a pretty good reference on free radical polymerization: https://link.springer.com/chapter/10.1007/978-3-642-38730-2_7
- I've also attached a pretty nice review article on PFSA ionomers. It's definitely more of a polymer article, but it's nice to put them in context. And Aquivion is mentioned specifically.

Sorry I couldn't be of more help! Please let me know if you have any more questions.

My best,

Mary

From: Washington, John <Washington.John@epa.gov>
Sent: Wednesday, August 28, 2019 2:13 PM
To: Davis, Mary J. <davis.maryj@epa.gov>
Subject: How to terminate a tetrafluoroethylene chain

Hey Mary,

Any strong hunches on how Solvay might terminate the chain in the SSC ionomer structure shown on this link???

John

https://www.solvay.us/en/binaries/Aquivion-PFSA-Solid-Perfluorinated-Superacid-Catalysts_EN-227813.pdf